

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(tree adj traversal) and (duplicate adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:46
S1	427	(705/410).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 13:50
S2	16	S1 and (operation with cost)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 13:51
S3	21024	(operation with cost) and (cost with reduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 13:52
S4	30	S3 and (service and maintenance and (repair adj3 procedure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 14:46
S5	641	Maintenance adj3 support adj3 system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 14:46
S6	24	S5 and duplicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 14:47
S7	13	("20020138184"   "20020138185"   "4815014"   "5315502"   "5634039"   "6122575"   "6125312"   "6243628"   "6253147"   "6574537").PN. OR ("6725137").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 15:16

## EAST Search History

S8	0	(duplicate adj process adj steps) with recognize	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:16
S9	5	(duplicate adj process adj steps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:17
S10	230	(duplicate adj (steps or actions or operation)) and process and efficiency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:18
S11	11	S10 and ((maintenance or repair) with process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:22
S12	78	removal same (duplicate adj4 (steps or process))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:36
S13	0	(automated with (maintenance or repair)) and (identify with (duplicate adj (step or process or action)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:39
S14	10	(identify with (duplicate adj (step or process or action)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:40
S15	0	((repair or maintenance) adj3 procedure) and (redunant with steps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:42

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S16	40	((repair or maintenance) adj3 procedure) and (duplicate with (operations or actions))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:50
S17	2	("20040143419").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 15:52
S18	72	process and (sequential with (operation or step)) and (duplicate adj3 (effort or step))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:56
S19	2442828	"19" and (manufacture or service or maintain or repair)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:53
S20	57	S18 and (manufacture or service or maintain or repair)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:54
S21	3	(maintenance adj procedure) and (aircraft or aerospace) and (duplicate with (step or procedure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:58
S22	13	((maintenance or repair) adj procedure) and (aircraft or aerospace) and ((duplicate or redundant) with (step or procedure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 15:59
S23	10	S22 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:03

## EAST Search History

S24	2480	(703/2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/15 16:04
S25	176	S24 and (aircraft or aerospace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:04
S26	62	S25 and (service or maintenance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:09
S27	22	working adj smart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:12
S28	0	(work adj3 optimization) and (process adj step) and (removing adj duplicate adj step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:13
S29	0	(work with optimization) and (process adj step) and (removing adj duplicate adj step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:13
S30	0	(work with optimization) and (process adj step) and (remov\$5 adj3 (duplicate or redundant) adj3 step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:13
S31	0	(work with optimization) and (remov\$5 adj3 (duplicate or redundant) adj3 step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:14

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S32	191608	optimization(remov\$5 adj3 (duplicate or redundant) adj3 step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:14
S33	5	optimization and (remov\$5 adj3 (duplicate or redundant) adj3 step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:15
S34	15	optimiz\$7 and (remov\$5 adj3 (duplicate or redundant) adj3 step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:15
S35	11	S34 not S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:17
S36	3	avoid adj duplicate adj work	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 16:18